

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) A scroll compressor in which ~~the~~ an interior of a closed shell is divided into a compression chamber and an electric motor chamber by a main frame; and a rotational drive shaft is provided to transmit a rotational driving force generated in said electric motor chamber into said compression chamber,

wherein said rotating drive shaft has a main shaft arranged coaxially in said electric motor chamber and a crank shaft, which is integrally formed at one end of said main shaft, for revolving an orbiting scroll in said compression chamber; taking the diameter of said main shaft as D_m and the diameter of said crank shaft as D_c , said crank shaft is arranged so that ~~the~~ an eccentricity e thereof with respect to said main shaft has a relation of $e > (D_m - D_c)/2$;

between said main shaft and said crank shaft is provided a joint shaft having a length within 3 mm corresponding to a machining relief at ~~the~~ a time when machining is performed with an accuracy necessary for functioning such that said main shaft serves as a sliding bearing with respect to a main bearing of said main frame and said crank shaft serves as a sliding bearing with respect to a crank bearing of said orbiting scroll; and said joint shaft has a shape which falls within the diameter D_m of said main shaft and within the diameter D_c of said crank shaft when viewed in the axial direction.

2. (canceled)

3. (currently amended) The scroll compressor according to claim 1, wherein a sub-frame for supporting ~~the other~~ an end of said rotational drive shaft is further provided in said closed shell, and the ~~other~~ end of said rotational drive shaft is pivotally supported in ~~the~~ a thrust direction via said sub-frame.

Amendments to the Drawings

The attached sheets of drawings include changes to Figures 4 and 5. These sheets replace the original sheets including Figures 4 and 5. In Figures 4 and 5, previously missing "Prior Art" has been added.

Attachment: Replacement Sheets